

### English Language Declaration

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought in the invention entitled:

## INTEGRATED SAMPLE-PROCESSING SYSTEM

the specification of which: (check one)

  X   is attached hereto.  
was filed on May 3, 2000 as Application Serial No. PCT/US00/12277  
and was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional applications listed below and under Title 35, United States Code, § 120 of any United States applications listed below. Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States provisional applications and United States applications in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

60/132,262	May 3, 1999	Pending
60/132,263	May 3, 1999	Pending
60/138,737	June 11, 1999	Pending
60/138,893	June 11, 1999	Pending
60/153,251	September 10, 1999	Pending
60/167,301	November 24, 1999	Pending
(Application Serial No.)	(Filing Date)	(Status)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Full name of

first inventor: SAMUEL A. MARQUISS

INVENTOR'S SIGNATURE: Sam Marquis

DATE: 6/30/00

Residence: 2388 Stanford Place, Santa Clara, California 95051

Citizenship: United States of America

Post Office Address: 2388 Stanford Place, Santa Clara, California 95051

Full name of

second inventor: CHRISTOPHER G. CESAR

INVENTOR'S SIGNATURE: Chris Cesar

DATE:

6/30/00

Residence: 937 Bermuda Court, Sunnyvale, California 94086

Citizenship: United States of America

Post Office Address: 937 Bermuda Court, Sunnyvale, California 94086

Full name of

third inventor: JON E. PETERSEN

INVENTOR'S SIGNATURE: Jon E. Petersen

DATE: 6.30.2000

Residence: 1006 Vera Avenue, Redwood City, California 94061

Citizenship: United States of America

Post Office Address: 1006 Vera Avenue, Redwood City, California 94061

Full name of  
fourth inventor: DAVID P. STUMBO  
INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

*David P. Stumbo*

*6/30/00*

Residence: 1561 Sixth Avenue, Belmont, California 94002  
Citizenship: United States of America  
Post Office Address: 1561 Sixth Avenue, Belmont, California 94002

Full name of  
fifth inventor: AMER EL-HAGE  
INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

*Amer El-Hage*

*7/11/2000*

Residence: 2101 Manzanita Avenue, Menlo Park, California 94025  
Citizenship: United States of America  
Post Office Address: 2101 Manzanita Avenue, Menlo Park, California 94025

Full name of  
sixth inventor: GLENN R. EDWARDS  
INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

*Glenn R. Edwards*

*6/30/00*

Residence: 231 Chestnut Avenue, Palo Alto, California 94306  
Citizenship: United States of America  
Post Office Address: 231 Chestnut Avenue, Palo Alto, California 94306

Full name of  
seventh inventor: DOUGLAS N. MODLIN  
INVENTOR'S SIGNATURE:

DATE:

*Douglas N. Modlin*

*7/11/00*

Residence: 4063 Scripps Avenue, Palo Alto, California 94036  
Citizenship: United States of America  
Post Office Address: 4063 Scripps Avenue, Palo Alto, California 94036

Full name of  
eighth inventor: LEV J. LEYTES  
INVENTOR'S SIGNATURE:

DATE:

*Lev J. Leytes*

*7/11/00*

Residence: 443 Tennyson Avenue, Palo Alto, California 94301  
Citizenship: United States of America  
Post Office Address: 443 Tennyson Avenue, Palo Alto, California 94301

Full name of  
ninth inventor: SAMUEL BURD  
INVENTOR'S SIGNATURE:

DATE:

Residence: 2115 Magellan Drive, Oakland, California 94611  
Citizenship: United States of America  
Post Office Address: 2115 Magellan Drive, Oakland, California 94611

Full name of  
seventh inventor: DOUGLAS N. MODLIN  
INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

Residence: 4063 Scripps Avenue, Palo Alto, California 94036  
Citizenship: United States of America  
Post Office Address: 4063 Scripps Avenue, Palo Alto, California 94036

Full name of  
eighth inventor: LEV I. LEYDES  
INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: \_\_\_\_\_

Residence: 443 Tennyson Avenue, Palo Alto, California 94301  
Citizenship: United States of America  
Post Office Address: 443 Tennyson Avenue, Palo Alto, California 94301

Full name of  
ninth inventor: SAMUEL BURD  
INVENTOR'S SIGNATURE: \_\_\_\_\_

DATE: 6/30/00

Residence: 2115 Magellan Drive, Oakland, California 94611  
Citizenship: United States of America  
Post Office Address: 2115 Magellan Drive, Oakland, California 94611

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)**  
**and**  
**CERTIFICATE PURSUANT TO 37 C.F.R. § 3.71 AND MPEP § 106**

In re Application of: LJL BioSystems, Inc., Samuel A. Marquiss, Christopher G. Cesar,  
Jon E. Petersen, David P. Stumbo, Amer El-Hage, Glenn R. Edwards,  
Douglas N. Modlin, Lev I. Leytes, and Samuel Burd  
Serial No.: PCT/US00/12277  
Filed: May 3, 2000  
Entitled: Integrated Sample-Processing System

LJL BIOSYSTEMS, INC., a Delaware corporation, certifies, under 37 C.F.R. § 3.73(b), that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of assignments from each of the inventors named in the patent application identified above and their successors in interest. Copies of assignments or other documents in the chain of title are submitted herewith.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and certifies that to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The above-identified assignee of record, pursuant to 37 C.F.R. § 3.71 and MPEP 106, hereby excludes all inventors and previous assignee(s), if any, from access to the above-identified patent application, and reserves its right to conduct the prosecution of the above-identified patent application to the exclusion of the named inventors and previous assignee(s).

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the above-identified assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LJL BIOSYSTEMS, INC.

Date: July 11, 2000

Lev I. Leytes

Name: Lev Leytes

Title: President and C.E.O.

## ASSIGNMENT

WHEREAS, we, Samuel A. Marquiss, of Santa Clara, county of Santa Clara, state of California, Christopher G. Cesar, of Sunnyvale, county of Santa Clara, state of California, Jon F. Petersen, of Redwood City, county of San Mateo, state of California, David P. Stumbo, of Belmont, county of San Mateo, state of California, Amer El-Hage, of Menlo Park, county of San Mateo, state of California, Glenn R. Edwards, of Palo Alto, county of Santa Clara, state of California, Douglas N. Modlin, of Palo Alto, county of Santa Clara, state of California, Lev J. Leytes, of Palo Alto, county of Santa Clara, state of California, and Samuel Burd, of Oakland, county of Alameda, state of California, have invented certain improvements in an INTEGRATED SAMPLE-PROCESSING SYSTEM, for which a PCT patent application was filed on May 3, 2000, and which was given PCT Patent Application Serial No. PCT/US00/12277; and

WHEREAS, LJI BioSystems, Inc., a Delaware corporation, having its principal place of business in Sunnyvale, county of Santa Clara, state of California, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which hereby are acknowledged, we, Samuel A. Marquiss, Christopher G. Cesar, Jon F. Petersen, David P. Stumbo, Amer El-Hage, Glenn R. Edwards, Douglas N. Modlin, Lev J. Leytes, and Samuel Burd, have sold, assigned, and transferred, and by these presents do sell, assign, and transfer, unto LJI BioSystems, Inc., the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries, and the entire right, title, and interest in and to any and all Letters Patent that may be granted therefor in the United States and its territorial possessions, in any and all foreign countries, and in and to any and all divisions, continuations, reissues, substitutions, and extensions thereof.

We hereby authorize and request the Patent Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to LJI BioSystems, Inc., as the assignee of our entire right, title, and interest in and to the same, for the sole use of LJI BioSystems, Inc., and its successors and assigns.

Further, we agree that we will communicate to LJI BioSystems, Inc., or its representatives, any facts known to us respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, reissue, substitution, and extension applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to LJI BioSystems, Inc., make all rightful oaths, and generally do everything possible to aid LJI BioSystems, Inc., and its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30<sup>th</sup> day of

June, 2000.

Sam Marquiss  
SAMUEL A. MARQUISS

Witness:

Name: Jan Hummel

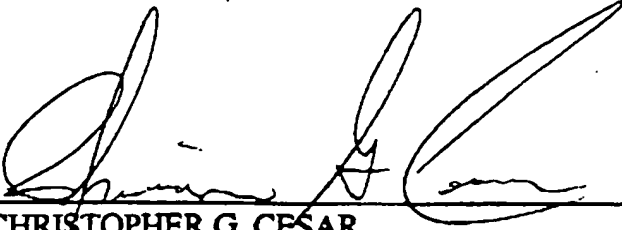
Address: 914 Mountain View Ave., #10

City, State: Mountain View, CA 94040



IN TESTIMONY WHEREOF, I have hereunto set my hand this 30<sup>th</sup> day of

JUNE, 2000.

  
CHRISTOPHER G. CESAR

Witness:


Name: Jan Hummel

Address: 914 Mountain View Ave., #10

City, State: Mt. View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30<sup>th</sup> day of

June, 2000.

  
JON F. PETERSEN

Witness:

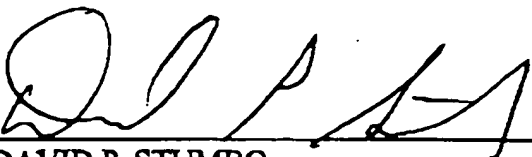
Name: Jan Hummel

Address: 914 Mountain View Ave., #10

City, State: Mountain View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30<sup>th</sup> day of

June, 2000.

  
\_\_\_\_\_  
DAVID P. STUMBO

Witness:


Name: Jan Hummel

Address: 914 Mountain Ave., #10

City, State: Mt. View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11<sup>th</sup> day of

July, 2000.

  
\_\_\_\_\_  
AMER EL-HAGE

Witness:

Name: Jan Hummel

Address: 914 Mountain View Ave., #10

City, State: Mt. View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of

June, 2000.

  
\_\_\_\_\_  
GLENN R. EDWARDS

Witness:

Name: Jan Hummel

Address: 914 Mountain View Ave., #10

City, State: Mt. View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 11 day of

July, 2000.

  
\_\_\_\_\_  
DOUGLAS N. MODLIN

Witness:

Name: Jan Hummel

Address: 914 Mountain View Ave., #10

City, State: Mt. View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20 day of

July, 2000.

LEV J. LEYTES  
LEV J. LEYTES

Witness:

Name: Jan Hummel

Address: 914 Mountain View Ave., #10

City, State: Mt. View, CA 94040

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of

\_\_\_\_\_, 2000.

SAMUEL BURD

Witness:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this \_\_\_\_\_ day of

\_\_\_\_\_, 2000.

\_\_\_\_\_  
LEV J. LEYTES

Witness:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State: \_\_\_\_\_

IN TESTIMONY WHEREOF, I have hereunto set my hand this 30 day of

JUNE, 2000.

Samuel Burd  
SAMUEL BURD

Witness:

Name: Sarah SARAH BURD-SHARPS

Address: 290 CONOVER ST.

City, State: BKLYN, NEW YORK 11231